

Transmittal

Date: 27 December 2004

From: Lynn Marie Hornecker

To: **John Broderick**
Regional Water Quality Control Board
Santa Ana Region
3737 Main Street, Suite 500
Riverside, CA 92501-3348

Subj: Summary Report
MSC JP5 Valve Box 3 Vicinity
Former Marine Corps Air Station, El Toro

Transmitted is the Summary Report for the field sampling activities and visual inspections at the MSC JP5 Valve Box 3 Vicinity at the Former Marine Corps Air Station, El Toro. Valve Box 3 is located within a field that has been routinely used for agricultural production for decades according to historical aerial photographs and records. Valve Box 3 is located southeast of the former Desert Storm Gate in the northeastern section of the facility near Irvine Boulevard. The Valve Box 3 Vicinity encompasses approximately 2,200 linear feet of primary 12-inch pipeline (MSC JP5-1) and 2,200 linear feet of primary 8-inch pipeline (MSC JP5-2) between Valve Box 1 near Agua Chinon Wash and Valve Box 4 near Quarry Road. The 12-inch pipeline was successfully tested in 2000 and no further action status has been achieved. The 8-inch pipeline failed the pressure test in 2000.

The attached Summary Report addresses approximately 2,200 linear feet of 8-inch pipeline (MSC JP5-2) in the vicinity of Valve Box 3.

The Valve Box 3 Vicinity was evaluated by collecting soil samples adjacent to the pipeline, by excavating and visually inspecting the pipeline at several locations, and by collecting soil gas samples along the pipeline near Valve Box 1. The results of the laboratory analysis and visual inspections are presented in the summary report. Low levels of petroleum hydrocarbons were detected in soil gas samples near Valve Box 1. Petroleum hydrocarbons were not detected at or above reporting limits in soil samples from the borings adjacent to the pipeline.

Based upon the results of field sampling activities and visual inspections of the jet fuel pipeline in the MSC JP5 Valve Box 3 Vicinity, no further actions are recommended. Based upon the previous use of the JP5 pipeline in this area, Environmental Condition of Property (ECP) Category 2a is also recommended.

Please review this transmittal and provide comments within 30 days of receipt, if possible. If additional time is required for the review, please contact Mr. Andy Piszkin (E-mail: Frank.Piszkin@Navy.mil) to establish a schedule for the completion of the review. A formal transmittal letter may follow.

Please do not hesitate to contact me at (619) 532-0783 if you have questions pertaining to this transmittal.

Attachment

Summary Report, MSC JP5 Valve Box 3 Vicinity (Navy 2004)

Copy to:

Andy Piszkin
BRAC Environmental Coordinator
Base Realignment and Closure
Marine Corps Air Station, El Toro
7040 Trabuco Road
Irvine, California 92618

CSO El Toro

Project File (MCAS El Toro)

ATTACHMENT

SUMMARY REPORT
MSC JP5 VALVE BOX 3 VICINITY

DATED 27 DECEMBER 2004

THIS RECORD IS ENTERED IN THE DATABASE AND FILED
AS

RECORD NO. M60050_003260